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PREFACE

This is the first volume of the Annual Review of Psychology that the present editors have brought to press, although the authors of these chapters had been selected and recruited by the previous editors and editorial committees. For the past 13 years, Professor Paul R. Farnsworth of Stanford University has been the editor, guiding the policies and publication of the Review, and setting and maintaining the high standards that have made it an increasingly valuable source of reference and criticism. Professor Farnsworth's devotion to the Review has not ceased with his retirement from the editorship, and we wish to thank him for generously giving of his time, and for his thoughtful guidance and wise counsel which have greatly facilitated our assumption of the editorial duties.

The present editors will strive to maintain the standards set by Professor Farnsworth and previous editors, keeping the composition of the Review broadly representative of the whole field of psychology. At the same time, we intend to be flexible about modifying and revising the "master plan" of subject organization, responding to trends and developments in research and scholarly activity, adding chapters as needed, redefining and combining topics, and stressing areas that are developing rapidly. For the first time, the present volume contains entire chapters on such expanding research areas as instructional psychology, physiological basis of memory, and electrical stimulation of the brain.

Chapters originally scheduled on animal learning, attention, engineering psychology, mathematical models, and psychopharmacology have had to be deferred to Volume 21. Unfortunately, the announced chapters on psychotherapeutic processes and on sleep and dreams will not appear.

With the 1968 meeting of the Editorial Committee, Dr. Frank Geldard completed his five-year term of conscientious, valuable service to the *Review*. Professor William D. Neff has accepted the Board's invitation to fill this position for the next term.

We wish to acknowledge the cheerful and efficient collaboration of Miss Jean Heavener, who has completed her first full year as assistant editor. We also wish to thank Mrs. Dorothy Read, who accomplished the painstaking task of preparing the subject index.

P. H. M. M. R. R.

A WORD ABOUT REPRINTS

The reader may be puzzled by the conspicuous number (129 to 143) aligned in the margin with the title of each review in this volume. The number is a key for use in the ordering of reprints. These are priced uniformly at \$0.95 each, postpaid. Payment must accompany the order if the purchase totals less than \$10.00. All payments are to be made to Annual Reviews, Inc., in U.S. dollars. California orders are subject to 5 per cent sales tax. Delivery in the U.S.A. will require approximately two to six weeks.

Reprints at \$0.95 each are available from the Annual Review of Biochemistry as well as the Annual Review of Psychology (since 1961 for both Reviews) and from the Annual Review of Microbiology and the Annual Review of Physiology starting with the 1968 volumes.

The sale of reprints of articles published in the *Reviews* has been initiated in the belief that reprints as individual copies, as sets covering stated topics, and in quantity for classrooom use will have a special appeal to students and teachers.

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ERRATA

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P. 264, line 4, beginning "He also noted " should read:

Korner (127a) noted that when newborns are picked up they open their eyes and appear to scan the field of view. She argues that an infant's earliest visual experiences may therefore tend to occur in conjunction with handling by the mother.

Reference 127a is as follows:

Korner, A. F., Grobstein, L. Visual alertness as related to soothing in neonates: implications for maternal stimulation and early deprivation. *Child Develpm.*, 37, 867-76 (1966)

TOPICS AND AUTHORS ANNUAL REVIEW OF PSYCHOLOGY VOLUME 21 (1970)

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ATTENTION, John A. Swets

AUDITION, David H. Raab

BRAIN FUNCTIONS, Burton S. Rosner

COGNITIVE FUNCTIONS, Frank Restle

DERIVED MOTIVES, M. H. Appley

DEVELOPMENTAL PSYCHOLOGY, David Elkind and Arnold Sameroff

ENGINEERING PSYCHOLOGY, John W. Senders

GERONTOLOGY, Jack Botwinick

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SOMESTHETIC SENSES. Brant Clark

THEORY AND TECHNIQUES OF ASSESSMENT, Donald W. Fiske and Pamela H. Pearson

VERBAL LEARNING AND MEMORY, Endel Tulving and Stephen A. Madigan

VISUAL SENSITIVITY, Howard D. Baker

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